

71	1489	2496	4496	6496	8496	10496	12496	14496	16496	18496	20496	22496	24496	26496	28496	30496	32496	34496	36496	38496	40496	42496	44496	46496	48496	50496	52496	54496	56496	58496	60496	62496	64496	66496	68496	70496	72496	74496	76496	78496	80496	82496	84496	86496	88496	90496	92496	94496	96496	98496	100496
72	1490	2497	4497	6497	8497	10497	12497	14497	16497	18497	20497	22497	24497	26497	28497	30497	32497	34497	36497	38497	40497	42497	44497	46497	48497	50497	52497	54497	56497	58497	60497	62497	64497	66497	68497	70497	72497	74497	76497	78497	80497	82497	84497	86497	88497	90497	92497	94497	96497	98497	100497
73	1491	2498	4498	6498	8498	10498	12498	14498	16498	18498	20498	22498	24498	26498	28498	30498	32498	34498	36498	38498	40498	42498	44498	46498	48498	50498	52498	54498	56498	58498	60498	62498	64498	66498	68498	70498	72498	74498	76498	78498	80498	82498	84498	86498	88498	90498	92498	94498	96498	98498	100498
74	1492	2499	4499	6499	8499	10499	12499	14499	16499	18499	20499	22499	24499	26499	28499	30499	32499	34499	36499	38499	40499	42499	44499	46499	48499	50499	52499	54499	56499	58499	60499	62499	64499	66499	68499	70499	72499	74499	76499	78499	80499	82499	84499	86499	88499	90499	92499	94499	96499	98499	100499
75	1493	2500	4500	6500	8500	10500	12500	14500	16500	18500	20500	22500	24500	26500	28500	30500	32500	34500	36500	38500	40500	42500	44500	46500	48500	50500	52500	54500	56500	58500	60500	62500	64500	66500	68500	70500	72500	74500	76500	78500	80500	82500	84500	86500	88500	90500	92500	94500	96500	98500	100500
76	1494	2501	4501	6501	8501	10501	12501	14501	16501	18501	20501	22501	24501	26501	28501	30501	32501	34501	36501	38501	40501	42501	44501	46501	48501	50501	52501	54501	56501	58501	60501	62501	64501	66501	68501	70501	72501	74501	76501	78501	80501	82501	84501	86501	88501	90501	92501	94501	96501	98501	100501
77	1495	2502	4502	6502	8502	10502	12502	14502	16502	18502	20502	22502	24502	26502	28502	30502	32502	34502	36502	38502	40502	42502	44502	46502	48502	50502	52502	54502	56502	58502	60502	62502	64502	66502	68502	70502	72502	74502	76502	78502	80502	82502	84502	86502	88502	90502	92502	94502	96502	98502	100502
78	1496	2503	4503	6503	8503	10503	12503	1																																											

[c2] The method of controlling a vehicle of claim 1, further including:
inputting environmental data into the active assist subsystem.

[c4] The method of controlling a vehicle of claim 1, wherein:
the at least one active assist program includes an adaptive cruise control
program.

App ID=10063951

the at least one active assist program includes a collision mitigation program.

[c6] The method of controlling a vehicle of claim 1, wherein:
the intended driving demand includes a longitudinal acceleration demand.

[c7] The method of controlling a vehicle of claim 1, wherein:
the intended driving demand includes a longitudinal velocity demand.

[c8] The method of controlling a vehicle of claim 1, wherein:
the intended driving demand includes a yaw rate demand.

[c9] The method of controlling a vehicle of claim 1, wherein:
the intended driving demand includes a slip angle demand.

[c10] The method of controlling a vehicle of claim 1, wherein:
the intended driving demand includes a wheel angle demand.

[c11] A vehicle control system comprising:
a driver subsystem receiving at least one driver input from a driver of the vehicle, the driver subsystem including a driver output outputting a driver output signal, the driver output signal being derived from the at least one driver input;
an active assist subsystem including an assist input receiving the driver output signal from the driver output of the driver subsystem, the active assist subsystem including at least one active assist program having at least one active input, the at least one active assist program having an on setting wherein the at least one active assist program outputs at least one active input and an off setting wherein the at least one active assist program does not output at least one active input, the at least one active assist subsystem including an assist output;
a vehicle control and implementation subsystem having a control input receiving an intended driving demand from the assist output of the active assist program;
wherein the intended driving demand is derived from a combination of the at least one driver input and the at least one active input if the at least one active assist program is in the on setting and if the driver of the vehicle does not

overrule the at least one active assist program, otherwise the intended driving demand is derived from the at least one driver input, such that the vehicle control and implementation subsystem cannot determine if its instructions come from the at least one driver input or the at least one active assist program.

- [c12] The vehicle control system of claim 11, wherein:
the active assist subsystem receives environmental data.
- [c13] The vehicle control system of claim 12, wherein:
the at least one active input is derived from the environmental data.
- [c14] The vehicle control system of claim 11, wherein:
the at least one active assist program includes an adaptive cruise control program.
- [c15] The vehicle control system of claim 11, wherein:
the at least one active assist program includes a collision mitigation program.
- [c16] The vehicle control system of claim 11, wherein:
the intended driving demand includes a longitudinal acceleration demand.
- [c17] The vehicle control system of claim 11, wherein:
the intended driving demand includes a longitudinal velocity demand.
- [c18] The vehicle control system of claim 11, wherein:
the intended driving demand includes a yaw rate demand.
- [c19] The vehicle control system of claim 11, wherein:
the intended driving demand includes a slip angle demand.
- [c20] The vehicle control system of claim 11, wherein:
the intended driving demand includes a wheel angle demand.